

DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/building

NOTICE OF ACCEPTANCE (NOA)

Nucor Building Systems 200 Whetstone Road Swansea, SC 29160

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: VR-16, 0.0245" min. Structural Galvalume Steel Roof Panel

APPROVAL DOCUMENT: Drawing #1446, titled "VR-16, 24 Gage Structural Galvalume Steel Roof System", sheets 1 through 4 of 4, dated June 01, 2006, last revision #5 dated November 29, 2011, prepared, signed and sealed by Bala Sockalingam, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 06-0803.04 and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

Heling A. Mehr 01/05/2012

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.

MIAMIDADE COUNTY APPROVED NOA No. 11-1017.04 Expiration Date: 09/13/2012 Approval Date: 01/05/2012

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 06-0803.04

A. DRAWINGS

1. Drawing #1446, titled "VR-16, 24 Gage Structural Galvalume Steel Roof System", sheets 1 through 4 of 4, dated June 01, 2006, last revision #3 dated July 22, 2007, prepared, signed and sealed by Bala Sockalingam, P.E.

B. TESTS

- 1. Test reports on 1) Uniform Static Air Pressure Test, Loading per ASTM E1592 and 2) Large Missile Impact Test per TAS 201 along with marked-up drawings and installation diagram 24 GA 16" steel roof panel, prepared by Hurricane Test Laboratory, Inc., Test Report No. 0420-0216-06 and 0420-0313-06, dated 05/25/2006, signed and sealed by Vinu J. Abraham, P.E.
- 2. Test reports on 1) Wind and Wind Driven Rain Resistance of Discontinuous Roof Systems, TAS 100-95 along with marked-up drawings and installation diagram 24 GA 16" steel roof panel, prepared by Asphalt Technologies, Inc., Test Report No. NBS-002-02-01, dated 03/30/2006, signed and sealed by Charles L. Thomas, P.E.
- 3. Test reports on 1) Uniform Static Air Pressure Test, Loading per ASTM E1592 along with marked-up drawings and installation diagram 24 GA 16" steel roof panel, prepared by Hurricane Test Laboratory, Inc., Test Report No. 0420-0610-07, dated 07/12/2007, signed and sealed by Vinu J. Abraham, P.E.
- 4. Accelerated weathering per ASTM G153.
- 5. Test Report for Suseptability to Leakage for roof system assemblies per TAS-114, dated 04/03/2006, signed and sealed by Charles L. Thomas, P.E.
- 6. Salt Spray test per ASTM B117.

C. CALCULATIONS

- 1. Fasteners Calculations and structural analysis, prepared by Bala Sockalinggam, P.E., dated 07/07/2006, signed and sealed by Bala Sockalinggam, P.E.
- 2. Fasteners Calculations and structural analysis, prepared by Bala Sockalinggam, P.E., dated 07/24/2007, signed and sealed by Bala Sockalinggam, P.E.

D. OUALITY ASSURANCE

1. By Miami-Dade County Building Code Compliance Office.

E. MATERIAL CERTIFICATION

1. Mill Certificate, prepared by Wheeling Nisshin, dated 01/09/2006.

2. Tensile Test prepared by QC Metallurgical, Inc., Project No. 6FM-501, dated 06/19/2006, for steel samples, tested per ASTM E8-00, signed and sealed by Frank Grate, P.E.

Orelmy A. Makar, P.E., M.S.

PERA, Product Control Unit Supervisor

NOA No. 11-1017.04 Expiration Date: 09/13/2012 Approval Date: 01/05/2012

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing #1446, titled "VR-16, 24 Gage Structural Galvalume Steel Roof System", sheets 1 through 4 of 4, dated June 01, 2006, last revision #5 dated November 29, 2011, prepared, signed and sealed by Bala Sockalingam, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATION

1. None.

F. OTHERS

1. Florida Building Code, 2007 and 2010 editions compliance letter by ENCON Technology, Inc., dated December 01, 2011, signed and sealed by Bala Sockalingam, P.E.

Helmy A. Makar, P.E., M.S.

PERA, Product Control Unit Supervisor

NOA No. 11-1017.04

Expiration Date: 09/13/2012 Approval Date: 01/05/2012







